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PATENT
450101-02031

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s)

NAKAGAWA et al.

Int'l Appln. No.

PCT/JP99/04562

Int'l Filing Date

24 AUGUST 1999

Title of Invention

DATA-MODULATING APPARATUS, DATA-

MODULATING METHOD, DATA-

DEMODULATING APPARATUS, DATA-DEMODULATING METHOD, AND DATA

PROVIDING MEDIUM

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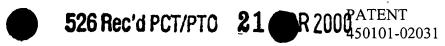
## INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents Washington, D.C. 20231

Dear Sir:

Enclosed are copies of the publications which were cited in the International Search Report of International Application No. PCT/JP99/04562. Also enclosed is a copy of Form PTO-1449 and a copy of the International Search Report.

-1- JMM2183



Entry of this Information Disclosure Statement and an early examination on the merits are respectfully solicited.

Please charge any additional fees to Deposit Account No. 50-0320.

Respectfully submitted,

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WSF/jm Enclosures

-2- JMM2183

Attorney Docket No. 450101-02031

New Patent Application filed April 21, 2000, entitled:

DATA-MODULATING APPARATUS, DATA-MODULATING METHOD,

DATA-DEMODULATING APPARATUS, DATA-DEMODULATING METHOD, AND

**DATA-PROVIDING MEDIUM** 

corresponding to PCT Application No. PCT/JP99/04562

filed August 24, 1999

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